

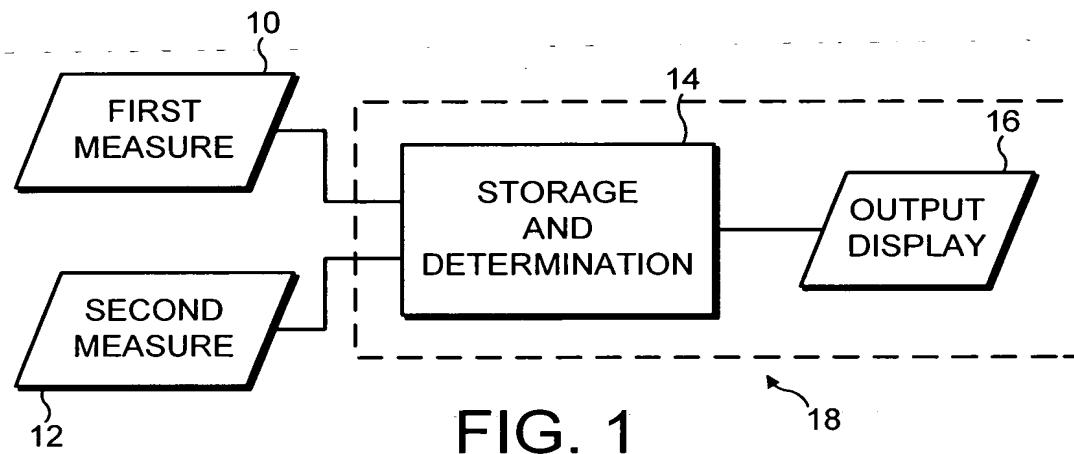


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Replacement Sheet

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**INVENTOR: AMANDA JANE
HAWTHORNE, ET AL.**
**TITLE: BODY FAT MEASUREMENT
SYSTEM**
Sheet 1 of 5
Docket No.: 02296.002330.

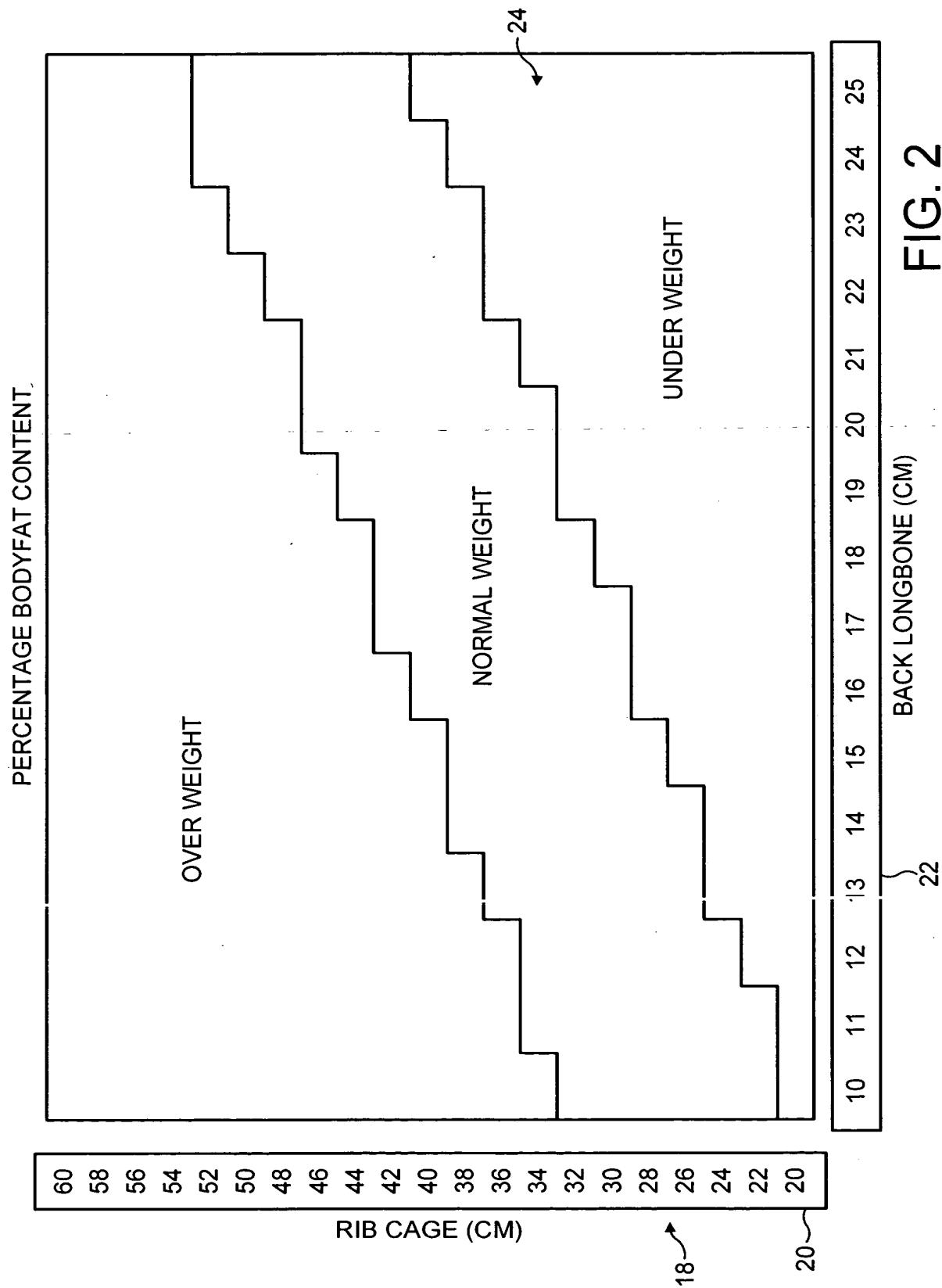


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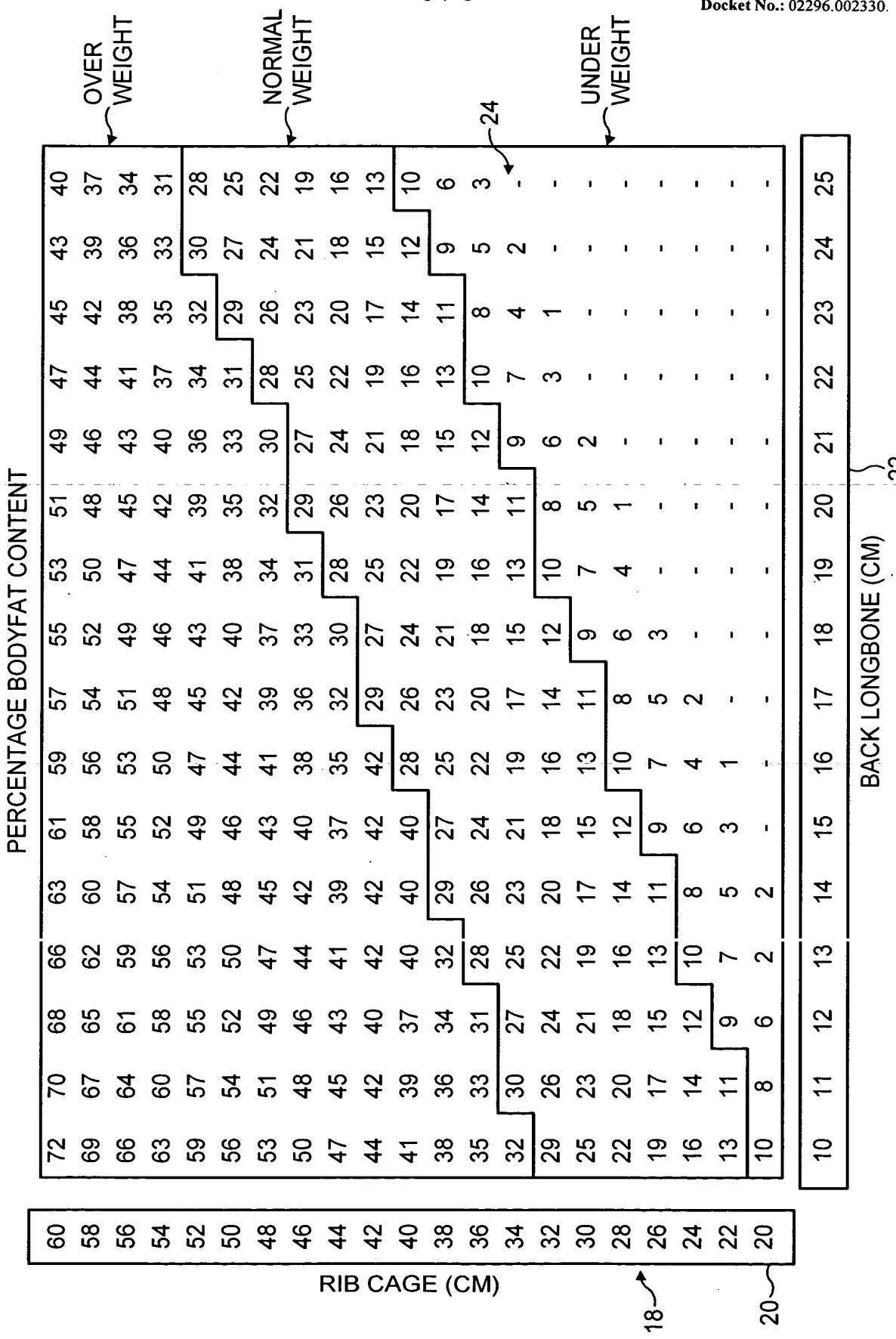


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FIG.

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BACK LONGBONE (CM)

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FIG. 4
'IDEAL' BODY WEIGHT (kg)

% FAT	BODY WEIGHT KG																	
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10			
10	3.6	4.2	4.8	5.4	6	6.6	7.2	7.8	8.4	9	9.6	10.2	10.8	11.4	12			
15	3.4	4	4.5	5.1	5.7	6.2	6.8	7.3	7.9	8.5	9	9.6	10.2	10.7	11.3			
20	3.2	3.7	4.3	4.8	5.3	5.9	6.4	6.9	7.4	8	8.5	9	9.6	10.1	10.6			
25	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10			
30	2.8	3.3	3.7	4.2	4.7	5.1	5.6	6.1	6.5	7	7.4	7.9	8.4	8.8	9.3			
35	2.6	3	3.5	3.9	4.3	4.8	5.2	5.6	6.1	6.5	6.9	7.3	7.8	8.2	8.6			
40	2.4	2.8	3.2	3.6	4	4.4	4.8	5.2	5.6	6	6.4	6.8	7.2	7.6	8			
45	2.2	2.6	2.9	3.3	3.7	4	4.4	4.8	5.1	5.5	5.9	6.2	6.6	6.9	7.3			
50	2	2.3	2.7	3	3.3	3.7	4	4.3	4.7	5	5.3	5.7	6	6.3	6.6			
55	1.8	2.1	2.4	2.7	3	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6			
60	1.6	1.9	2.2	2.4	2.7	2.9	3.2	3.5	3.7	4	4.3	4.5	4.8	5.1	5.3			

FIG. 5
**DAILY ENERGY ALLOWANCE FOR A CAT WITH
 LOW ACTIVITY (50kcal/kg 'IDEAL' WEIGHT)**

% FAT	BODY WEIGHT KG																	
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10			
10	251	293	335	377	419	461	503	545	587	628	670	712	754	796	838			
15	237	277	317	356	396	435	475	514	554	594	633	673	712	752	791			
20	223	261	298	335	372	410	447	484	521	559	596	633	670	708	745			
25	209	244	279	314	349	384	419	454	489	524	559	594	628	663	698			
30	196	228	261	293	326	358	391	424	456	489	521	554	587	619	652			
35	182	212	242	272	303	333	363	393	424	454	484	514	545	575	605			
40	168	196	223	251	279	307	335	363	391	419	447	475	503	531	559			
45	154	179	205	230	256	282	307	333	358	384	410	435	461	486	512			
50	140	163	186	209	233	256	279	303	326	349	372	396	419	442	465			
55	126	147	168	189	209	230	251	272	293	314	335	356	377	398	419			
60	112	130	149	168	186	205	223	242	261	279	298	317	335	354	372			

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FIG. 6

DAILY ENERGY ALLOWANCE FOR A CAT WITH
NORMAL ACTIVITY (70kcal/kg 'IDEAL' WEIGHT)

	BODY WEIGHT KG															
% FAT	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	
10	251	293	335	377	419	461	503	545	587	628	670	712	754	796	838	
15	237	277	317	356	396	435	475	514	554	594	633	673	712	752	791	
20	223	261	298	335	372	410	447	484	521	559	596	633	670	708	745	
25	209	244	279	314	349	384	419	454	489	524	559	594	628	663	698	
30	196	228	261	293	326	356	391	424	456	489	521	554	587	619	652	
35	182	212	242	272	303	333	363	393	424	454	484	514	545	575	605	
40	168	196	223	251	279	307	335	363	391	419	447	475	503	531	559	
45	154	179	205	230	256	282	307	333	358	384	410	435	461	486	512	
50	140	163	186	209	233	256	279	303	326	349	372	396	419	442	465	
55	128	147	168	189	209	230	251	272	293	314	335	356	377	398	419	
60	112	130	149	168	186	205	223	242	261	279	298	317	335	354	372	

FIG. 7

DAILY ENERGY ALLOWANCE FOR WEIGHT LOSS
(60% OF PREDICTED ER AT TARGET BODY WEIGHT,
WHERE ER IS CONSIDERED TO BE 60kcal/kg IDEAL WT)

	BODY WEIGHT KG															
% FAT	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	
10	129	151	172	194	215	237	259	280	302	323	345	366	388	409	431	
15	122	142	163	183	203	224	244	265	285	305	326	346	366	387	407	
20	115	134	153	172	192	211	230	249	268	287	306	326	345	364	383	
25	108	126	144	162	180	198	215	233	251	269	287	305	323	341	359	
30	101	117	134	151	168	184	201	218	235	251	268	285	302	318	335	
35	93	109	124	140	156	171	187	202	218	233	249	265	280	296	311	
40	86	101	115	129	144	158	172	187	201	215	230	244	259	273	287	
45	79	92	105	119	132	145	158	171	184	198	211	224	237	250	263	
50	72	84	96	108	120	132	144	156	168	180	192	203	215	227	239	
55	65	75	86	97	108	119	129	140	151	162	172	183	194	205	215	
60	57	67	77	86	96	105	115	124	134	144	153	163	172	182	192	